

## REMARKS

Claims 1 has been amended to clarify the subject matter regarded as the invention. New claims 11-12 have been added. Claims 1-12 are pending.

In the Advisory Action, the Examiner has maintained the rejection of claims 1-9, indicating that "by adding more stages the phase difference will become substantially the same".

The rejection is respectfully traversed. With respect to claim 1, neither Kim nor Khait teaches or suggests, either singly or in combination, a phase synchronous multiple LC tank oscillator wherein "a first oscillator stage among the plurality of oscillator stages that includes a first output connected to a second oscillator stage among the plurality of oscillator stages and a second output connected to a third oscillator stage among the plurality of oscillator stages". As such, claim 1 is believed to be allowable.

Claims 2-10 depend from claim 1 and are believed to be allowable for the same reasons described above.

With respect to new claim 11, it is well known that typical ring oscillators with N stages have a phase difference of  $2\pi/N$  between two adjacent stages. Claim 11 recites that the oscillation phase difference between any two stages is less than  $2\pi/N$ . As such, claim 11 is believed to be allowable.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,



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